RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	10/518,470
Source:	PCI
Date Processed by STIC:	03/06/2006
Date Processed by STIC:	03/06/2000

ENTERED



PCT

RAW SEQUENCE LISTING DATE: 03/06/2006
PATENT APPLICATION: US/10/518,470 TIME: 16:03:04

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      6 <120> TITLE OF INVENTION: Oligonucleotide Inhibitors of MBD2/DNA
              Demethylase and Uses Thereof
     10 <130> FILE REFERENCE: 26473U
     12 <140> CURRENT APPLICATION NUMBER: 10/518,470
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     18 <160> NUMBER OF SEO ID NOS: 15
     20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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     35 tgatgettge gegegteece egegegeege getgegggeg gggegggtet eegggattee 180
     36 aagggetegg ttaeggaaga agegeagege eggetggga gggggetgga tgegegege 240
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     41 gggacgggga cggggccggg gccggggccg cggccgtccc ccgagtggcg gcagcggcct 540
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    43 ggagccggtc cctttcccgt cggggagcgc ggggccgggg cccaggggac cccgggccac 660
    44 ggagagcggg aagaggatgg attgcccggc cctcccccc ggatggaaga aggaggaagt 720
    45 gatccgaaaa tctgggctaa gtgctggcaa gagcgatgtc tactacttca gtccaagtgg 780
    46 taagaagttc agaagcaagc ctcagttggc aaggtacctg ggaaatactg ttgatctcag 840
    47 cagttttgac ttcagaactg gaaagatgat gcctagtaaa ttacagaaga acaaacagag 900
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    51 gaagaggcta caaggactta gtgcatcaga tgtaacagaa caaattataa aaaccatgga 1140
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RAW SEQUENCE LISTING DATE: 03/06/2006 PATENT APPLICATION: US/10/518,470 TIME: 16:03:04

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59 aaaatgtacc cgagcacata gagcttttta atagcactaa ccaatgcctt tttagatgta 1620
60 tttttgatgt atatatctat tattcaaaaa atcatgttta ttttgagtcc taggacttaa 1680
61 aattagtett ttgtaatate aageaggace etaagatgaa getgagettt tgatgeeagg 1740
62 tgcaatctac tggaaatgta gcacttacgt aaaacatttg tttcccccac aqttttaata 1800
63 agaacagatc aggaattcta aataaatttc ccagttaaag attattgtga cttcactgta 1860
64 tataaacata tttttatact ttattgaaag gggacacctg tacattcttc catcatcact 1920
65 gtaaagacaa ataaatgatt atattcacag actgattgga attctttctg ttgaaaagca 1980
66 cacacaataa agaacccctc gttagccttc ctctgattta cattcaactc tgatccctgg 2040
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68 gcctctggac gttgtgagaa ttgtgctttc accagaattt ctaaqaattt ctqctaaata 2160
69 tcacctagca tgtgtaattt tttttccttg cctgtgactt ggacttttga tagttctata 2220
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71 actagaaggc gtccatgttt attgtttttt aaagaatgtt tggcactctc taacgtccac 2340
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73 ggcagagttg cttaatgaaa gggtttgtaa tactttacaa accattacct gtacctggcc 2460
74 tggcctccaa aatattaaca ttctttttct gttgaaactc gcgagtgtaa ctttcatacc 2520
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90 Val Arg Arg Glu Gly Ala Arg Gly Gly Gly Arg Gly Arg Trp
92 Lys Gln Ala Gly Arg Gly Gly Gly Val Cys Gly Arg Gly Arg Gly Arg
94 Gly Arg Gly Arg Gly Arg Gly Arg Gly Arg Gly Arg Gly Arg
96 Pro Pro Ser Gly Gly Ser Gly Leu Gly Gly Asp Gly Gly Cys Gly
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                                  105
                                                      110
98 Gly Gly Ser Gly Gly Gly Ala Pro Arg Arg Glu Pro Val Pro
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                                                   125
100 Phe Pro Ser Gly Ser Ala Gly Pro Gly Pro Arg Gly Pro Arg Ala Thr
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102 Glu Ser Gly Lys Arg Met Asp Cys Pro Ala Leu Pro Pro Gly Trp Lys
103 145
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104 Lys Glu Glu Val Ile Arg Lys Ser Cly Leu Ser Ala Gly Tys Ser Asp
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106 Val Tyr Tyr Phe Ser Pro Ser Gly Lys Lys Phe Arg Ser Lys Pro Gln
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RAW SEQUENCE LISTING DATE: 03/06/2006
PATENT APPLICATION: US/10/518,470 TIME: 16:03:04

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166 ccacccgagc aataaggtga agtcagaccc ccagcggatg aatgaacaac cacqtcaqct 1080
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195 Val Arg Arg Glu Gly Ala Arg Gly Gly Gly Arg Gly Arg Gly Arg Trp
197 Lys Gln Ala Ala Arg Gly Gly Gly Val Cys Gly Arg Gly Arg Gly Arg
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199 Gly Arg Gly Arg Gly Arg Gly Arg Gly Arg Gly Arg Gly Arg
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201 Pro Gln Ser Gly Gly Ser Gly Leu Gly Gly Asp Gly Gly Gly Ala
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203 Gly Gly Cys Gly Val Gly Ser Gly Gly Val Ala Pro Arg Arg Asp
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205 Pro Val Pro Phe Pro Ser Gly Ser Ser Gly Pro Gly Pro Arg Gly Pro
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207 Arg Ala Thr Glu Ser Gly Lys Arg Met Asp Cys Pro Ala Leu Pro Pro
208 145
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209 Gly Trp Lys Lys Glu Glu Val Ile Arg Lys Ser Gly Leu Ser Ala Gly
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211 Lys Ser Asp Val Tyr Tyr Phe Ser Pro Ser Gly Lys Lys Phe Arg Ser
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RAW SEQUENCE LISTINGPATENT APPLICATION: **US/10/518,470**DATE: 03/06/2006

TIME: 16:03:04

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217 Lys Gln Arg Leu Arg Asn Asp Pro Leu Asn Gln Asn Lys Gly Lys Pro
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219 Asp Leu Asn Thr Thr Leu Pro Ile Arg Gln Thr Ala Ser Ile Phe Lys
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221 Gln Pro Val Thr Lys Phe Thr Asn His Pro Ser Asn Lys Val Lys Ser
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223 Asp Pro Gln Arg Met Asn Glu Gln Pro Arg Gln Leu Phe Trp Glu Lys
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225 Arg Leu Gln Gly Leu Ser Ala Ser Asp Val Thr Glu Gln Ile Ile Lys
                            295
227 Thr Met Glu Leu Pro Lys Gly Leu Gln Gly Val Gly Pro Gly Ser Asn
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229 Asp Glu Thr Leu Leu Ser Ala Val Ala Ser Ala Leu His Thr Ser Ser
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231 Ala Pro Ile Thr Gly Gln Val Ser Ala Ala Val Glu Lys Asn Pro Ala
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233 Val Trp Leu Asn Thr Ser Gln Pro Leu Cys Lys Ala Phe Ile Val Thr
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235 Asp Glu Asp Ile Arg Lys Gln Glu Glu Arg Val Gln Gln Val Arg Lys
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237 Lys Leu Glu Glu Ala Leu Met Ala Asp Ile Leu Ser Arg Ala Ala Asp
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257 <213> ORGANISM: Artificial Sequence
259 <220> FEATURE:
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VERIFICATION SUMMARY

DATE: 03/06/2006

PATENT APPLICATION: US/10/518,470 TIME: 16:03:05

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Output Set: N:\CRF4\03062006\J518470.raw

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